

# **IEEE P1409 DISTRIBUTION CUSTOM POWER TASK FORCE**

TF 15.06.05.01

## ***Meeting Agenda***

**IEEE/PES 2001 Winter Meeting**

**Columbus, Ohio**

**Tuesday, January 30, 2001**

**Columbus Convention Center C122**

**8:00 AM to 10:00 AM**

The IEEE P1409 Distribution Custom Power Task Force will next meet at the IEEE Power Engineering Society 2001 Winter Meeting from 8:00 to 10:00 AM on Tuesday, January 30, 2001 in the Columbus Convention Center, Room C122, in Columbus, Ohio, USA.

1. Welcome
2. Introductions
3. Review minutes from previous Seattle meeting and agenda for present meeting
4. Working Discussion on P1409 Application Guide
  - P1409 Application Guide Overview
  - Breakup into Discussion Groups on Guide
  - Report of Discussion Groups to Task Force
5. Update on the Custom Power Technology Development List
6. Liaison Reports
  - CIGRE Custom Power Working Group
  - Task Force On Simulation of FACTS and Custom Power Controls
7. New Business
8. Action Items
9. Next Meeting in Vancouver, British Columbia
10. Adjourn

## **Title of Proposed Project**

*Trial-Use Guide for Application of Power Electronics for Power Quality Improvement on Distribution Systems Rated 1 kV through 38 kV*

## **IEEE P1409 Project Authorization Approval Date**

June 24, 1998.

## **Scope of Proposed Project**

This project will develop a guide that introduces and defines the emerging technology of custom power. This technology involves devices and circuit configurations of power electronic equipment used in utility power distribution systems rated 1 kV through 38 kV for the purposes of mitigating problems associated with power quality. This guide will include definitions, general need guidelines, performance objectives, electrical environments, input/output criteria, performance measurements, case studies, bibliography, and engineering tradeoffs. The proposed document will address power assessment techniques as specified by IEEE Std. 1250-1995, which defines power quality terms and phenomena, and IEEE Std. 1159-1995, which provides a recommended practice for measuring power quality.

## **Purpose of Proposed Project**

To provide guidelines and performance expectations for the application of power electronic-based equipment on utility distribution systems to improve power quality and control in these distribution systems. It will be a resource to utilities as they enter into the competitive marketplace, providing detailed information about custom power devices as options to solving power quality problems.

## **Task Force Information**

### *Chair*

Dan Sabin, Electrotek Concepts, Inc.  
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### *Secretary*

Steve Middlekauff, Carolina Power and Light  
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### *Parent Working Group*

This task force reports to the Distribution Voltage Quality Working, which is a working group of the Distribution Subcommittee of the Transmission and Distribution Subcommittee.

### *Internet Website*

All documents for the task force are available online at <http://grouper.ieee.org/groups/1409/>.